State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region: Southcentral

USGS Quad(s): Anchorage B5

Anadromous Waters Catalog Number of Waterway: 247-50-10200-2155

Name of Waterway: unnamed ☐ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	12-541		
Revision Year:	2013	Fisheries Scientist	11/2/12 Date
Revision to: Atlas		Habitat Operations Manager	11/2/12 Date
Both	X	AWC Project Biologist	9/25/12 Date
Revision Code:	A-1, C-9	Cartographer	11/8/12 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	07/31/2012		✓		✓
sockeye salmon	07/31/2012	✓	✓		✓
Dolly Varden	07/31/2012			✓	

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments:

Sampling methods: 1/8" and 1/4" mesh minnow traps
Upper Extent (NAD83, Decimal Degrees): N61.46329 W148.62653
Water Temp: 11.4° C; 58.2% DO; 6.34 mg/L DO; Specific Conductance .391 mS/cm; Conductivity 289.7µs/cm; pH 7.63
Sockeye juvenile fork lengths: minimum 44 mm, maximum 58 mm
Coho juvenile fork lengths: minimum 52 mm, maximum 133 mm
See attached map and photos.
Coordinates (Lat,Long): Upper(61.46329,-148.62653) Lower(61.47890,-148.71143)

Name of Observer (please print): Casey Smith
Signature: 146.63.61.200 (Web Nomination) Date: 09/20/2012
Agency:
Address: 605 W. the Ave. Suite G-03 605 W. the Ave. Suite
Anchorage, AK 99501

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____ Revision 02/08
Name of Area Biologist (please print):

State of Alaska
Department of Fish and Game
Division of Sport Fish

Nomination Form
Anadromous Waters Catalog

Region: Southcentral

USGS Quad(s): Anchorage B-5

Anadromous Waters Catalog Number of Waterway: 247-50-10200-2155

Name of Waterway: unnamed

☐ USGS Name ☐ Local Name

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For Office Use

Nomination #		Fisheries Scientist	Date
Revision Year:		Habitat Operations Manager	Date
Revision to:	Atlas _____ Catalog _____ Both _____	AWC Project Biologist	Date
Revision Code:		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho Salmon	7/31/2012 - 8/9/2012		14		☒
Sockeye Salmon	8/9/12- 8/21/2012	~50	10		☒
Stickleback	7/31/12 - 8/15/2012			25	☐
Dolly Varden	7/31/12 - 8/15/2012			3	☐
					☐

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments:

Sampling methods: 1/8" and 1/4" mesh minnow traps

Upper Extent (NAD83, Decimal Degrees): N61.46329 W148.62653

Water Temp: 11.4° C; 58.2% DO; 6.34 mg/L DO; Specific Conductance .391 mS/cm; Conductivity 289.7µs/cm; pH 7.63

Sockeye juvenile fork lengths: minimum 44 mm, maximum 58 mm

Coho juvenile fork lengths: minimum 52 mm, maximum 133 mm

See attached map and photos.

Name of Observer (please print): Casey Smith, Coby Sims, Claire Hursey and Robert Black

Signature: Casey Smith

Date: 9/19/2012

Agency: USFWS, Anchorage Fisheries Branch

Address: 605 W. 4th Ave., Room G-61

Anchorage, AK 99501

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____

Revision 02/08

Figure 1: map of unnamed creek in the Knik River valley showing locations where fish were captured

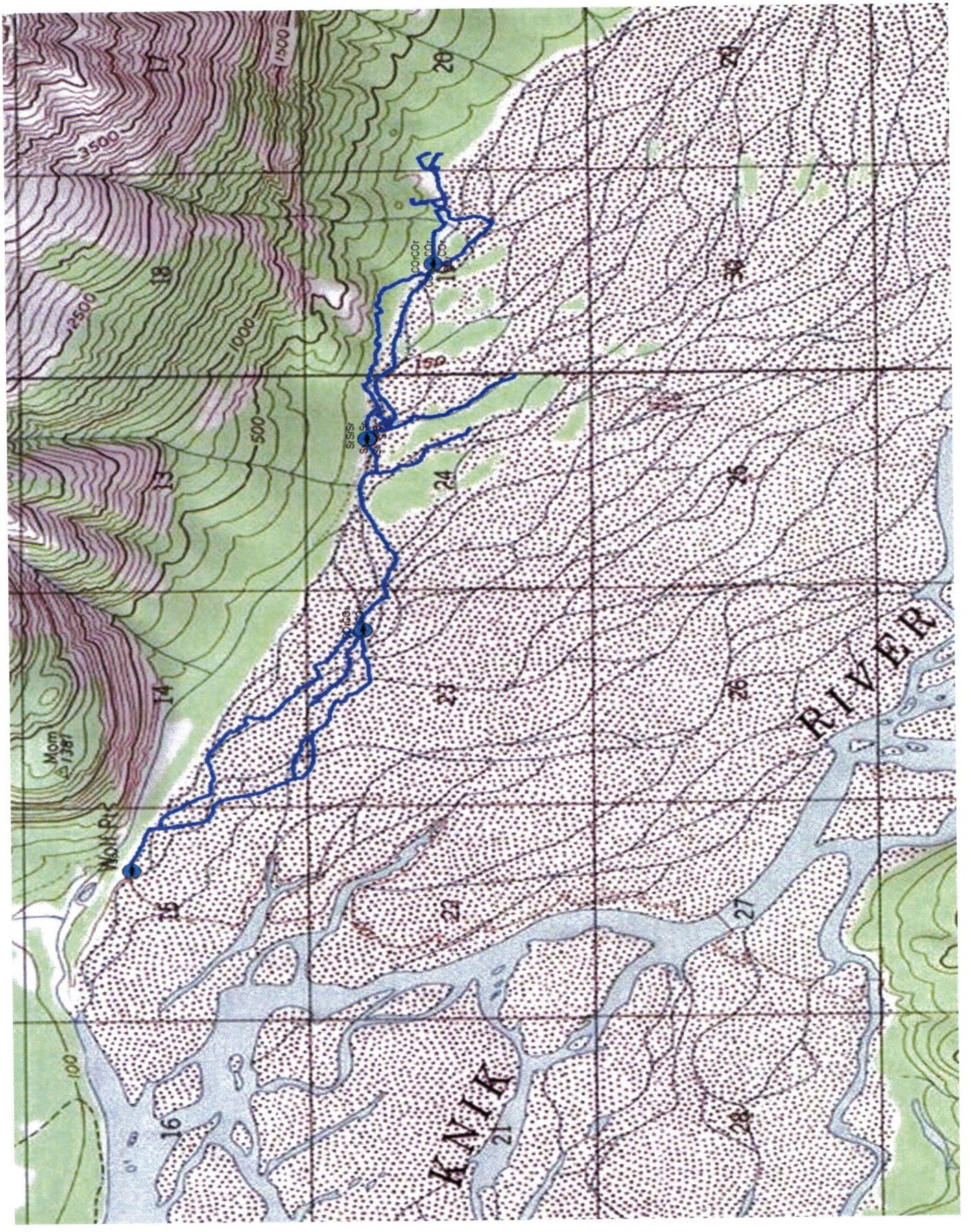
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Figure 2: Fish data for unnamed creek in the Knik River valley

DATE	LAT	LONG	PHOTO NUMBER	FISH ID	LENGTH	ADDITIONAL COUNT	WATER TEMP	mmHg	%D.O.	mg/L D.O.	SPC mS/cm	Conductivity	pH
7/31/2012	61.46329	-148.62653	C-97	COHO	133								
7/31/2012	61.46328	-148.62654	C-98	COHO	126								
7/31/2012	61.46328	-148.62652	C-99	COHO	125								
7/31/2012	61.46328	-148.62653	C-100	COHO	129								
7/31/2012	61.46328	-148.62654	C-101	COHO	117								
7/31/2012	61.46330	-148.62657	C-102	COHO	116								
7/31/2012	61.46330	-148.62655	C-103	COHO	122								
7/31/2012	61.46330	-148.62655	C-104	COHO	112								
7/31/2012	61.46330	-148.62655	C-105	COHO	126								
8/9/2012	61.46667	-148.65092	C-129/130	SOCKEYE	55		11.4 C	761.4	58.2	6.34	0.391	289.7	7.63
8/9/2012	61.46667	-148.65092	C-131/132	COHO	115		11.4 C	761.4	58.2	6.34	0.391	289.7	7.63
8/9/2012	61.46666	-148.65090	C-133/134	COHO	114		11.4 C	761.4	58.2	6.34	0.391	289.7	7.63
8/9/2012	61.46702	-148.67793	S-71	COHO	54		11.6 C		87.3	9.5	0.414	308.8	7.83
8/9/2012	61.46702	-148.67793	S-72	COHO	59		11.6 C		87.3	9.5	0.414	308.8	7.83
8/9/2012	61.46702	-148.67793	NO PIC	COHO	52		11.6 C		87.3	9.5	0.414	308.8	7.83
8/13/2012	61.46670	-148.65103	C-139	SOCKEYE	46		11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/13/2012	61.46671	-148.65101	C-140	SOCKEYE	44		11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/13/2012	61.46671	-148.65100	C-141	SOCKEYE	49		11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/13/2012	61.46671	-148.65100	NO PIC	SOCKEYE	50		11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/13/2012	61.46672	-148.65101	C-144	SOCKEYE	51		11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/13/2012	61.46671	-148.65100	C-145	SOCKEYE	50		11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/13/2012	61.46672	-148.65100	C-146/147	SOCKEYE	51		11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/13/2012	61.46672	-148.65100	NO PIC	SOCKEYE	58		11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/13/2012	61.46672	-148.65100	NO PIC	SOCKEYE	45		11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/14/2012	61.47890	-148.71143	video	SOCKEYE		~50							
8/15/2012	61.46332	-148.61340		STICKLEBACK		3							
8/15/2012	61.46332	-148.61340		DOLLY VARDEN									
8/9/2012	61.46667	-148.65092		STICKLEBACK		2	11.4 C	761.4	58.2	6.34	0.391	289.7	7.63
8/9/2012	61.46666	-148.65090		DOLLY VARDEN	145		11.4 C	761.4	58.2	6.34	0.391	289.7	7.63
7/31/2012	61.46328	-148.62654		STICKLEBACK		20							
7/31/2012	61.46328	-148.62654		DOLLY VARDEN	152								

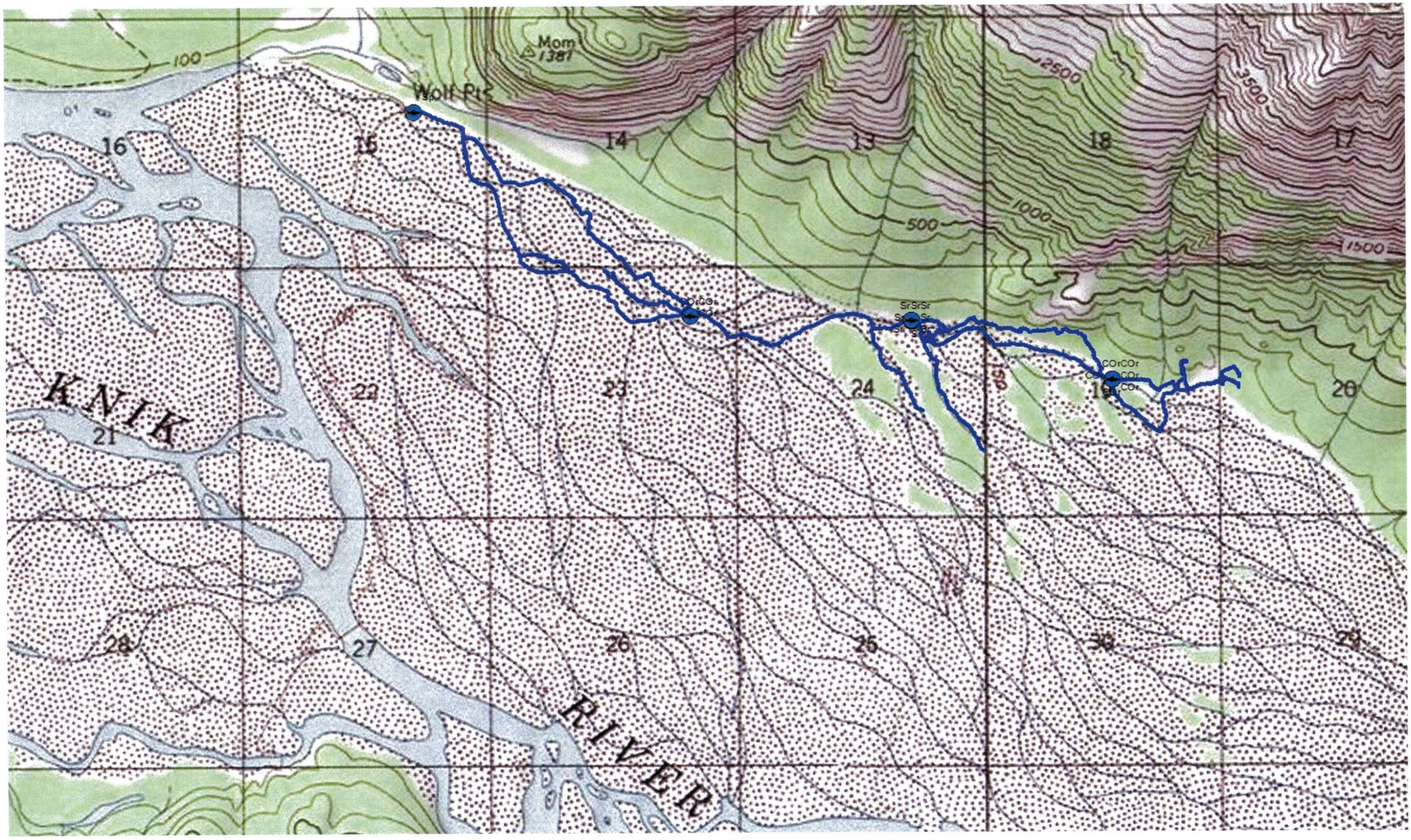
Figure 3: Voucher photo for juvenile sockeye salmon N 61.466666° W 148.650918°

Figure 4: Voucher photo for adult sockeye salmon N 61.47890° W 148.71143°

Figure 5: Voucher photo juvenile coho salmon N 61.4633° W 148.626567°

Figure 6: Habitat photo N 61.462716° W 148.618563°

DATE	LAT	LONG	PHOTO NUMBER	FISH ID	LENGTH	ADDITIONAL COUNT	SAMPLE SITE	WATER TEMP	mmHg	%D.O.	mg/L D.O.	SPC mS/cm	Conductivity	pH
7/31/2012	61.46329	-148.62653	C-97	COHO	133		BEAVER FALLS							
7/31/2012	61.46328	-148.62654	C-98	COHO	126		BEAVER FALLS							
7/31/2012	61.46328	-148.62652	C-99	COHO	125		BEAVER FALLS							
7/31/2012	61.46328	-148.62653	C-100	COHO	129		BEAVER FALLS							
7/31/2012	61.46328	-148.62654	C-101	COHO	117		BEAVER FALLS							
7/31/2012	61.46330	-148.62657	C-102	COHO	116		BEAVER FALLS							
7/31/2012	61.46330	-148.62655	C-103	COHO	122		BEAVER FALLS							
7/31/2012	61.46330	-148.62655	C-104	COHO	112		BEAVER FALLS							
7/31/2012	61.46330	-148.62655	C-105	COHO	126		BEAVER FALLS							
8/9/2012	61.46667	-148.65092	C-129/130	SOCKEYE	55		BEAVER FALLS	11.4 C	761.4	58.2	6.34	0.391	289.7	7.63
8/9/2012	61.46667	-148.65092	C-131/132	COHO	115		BEAVER FALLS	11.4 C	761.4	58.2	6.34	0.391	289.7	7.63
8/9/2012	61.46666	-148.65090	C-133/134	COHO	114		BEAVER FALLS	11.4 C	761.4	58.2	6.34	0.391	289.7	7.63
8/9/2012	61.46702	-148.67793	S-71	COHO	54		BEAVER FALLS	11.6 C		87.3	9.5	0.414	308.8	7.83
8/9/2012	61.46702	-148.67793	S-72	COHO	59		BEAVER FALLS	11.6 C		87.3	9.5	0.414	308.8	7.83
8/9/2012	61.46702	-148.67793	NO PIC	COHO	52		BEAVER FALLS	11.6 C		87.3	9.5	0.414	308.8	7.83
8/13/2012	61.46670	-148.65103	C-139	SOCKEYE	46		BEAVER FALLS	11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/13/2012	61.46671	-148.65101	C-140	SOCKEYE	44		BEAVER FALLS	11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/13/2012	61.46671	-148.65100	C-141	SOCKEYE	49		BEAVER FALLS	11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/13/2012	61.46671	-148.65100	NO PIC	SOCKEYE	50		BEAVER FALLS	11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/13/2012	61.46672	-148.65101	C-144	SOCKEYE	51		BEAVER FALLS	11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/13/2012	61.46671	-148.65100	C-145	SOCKEYE	50		BEAVER FALLS	11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/13/2012	61.46672	-148.65100	C-146/147	SOCKEYE	51		BEAVER FALLS	11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/13/2012	61.46672	-148.65100	NO PIC	SOCKEYE	58		BEAVER FALLS	11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/13/2012	61.46672	-148.65100	NO PIC	SOCKEYE	45		BEAVER FALLS	11.6 C	764.6	66.4	7.19	0.373	277.4	7.58
8/14/2012	61.47890	-148.71143	video	SOCKEYE		~50	BEAVER FALLS							
8/15/2012	61.46332	-148.61340		STICKLEBACK		3	BEAVER FALLS							
8/15/2012	61.46332	-148.61340		DOLLY VARDEN			BEAVER FALLS							
8/9/2012	61.46667	-148.65092		STICKLEBACK		2	BEAVER FALLS	11.4 C	761.4	58.2	6.34	0.391	289.7	7.63
8/9/2012	61.46666	-148.65090		DOLLY VARDEN	145		BEAVER FALLS	11.4 C	761.4	58.2	6.34	0.391	289.7	7.63
7/31/2012	61.46328	-148.62654		STICKLEBACK		20	BEAVER FALLS							
7/31/2012	61.46328	-148.62654		DOLLY VARDEN	152		BEAVER FALLS							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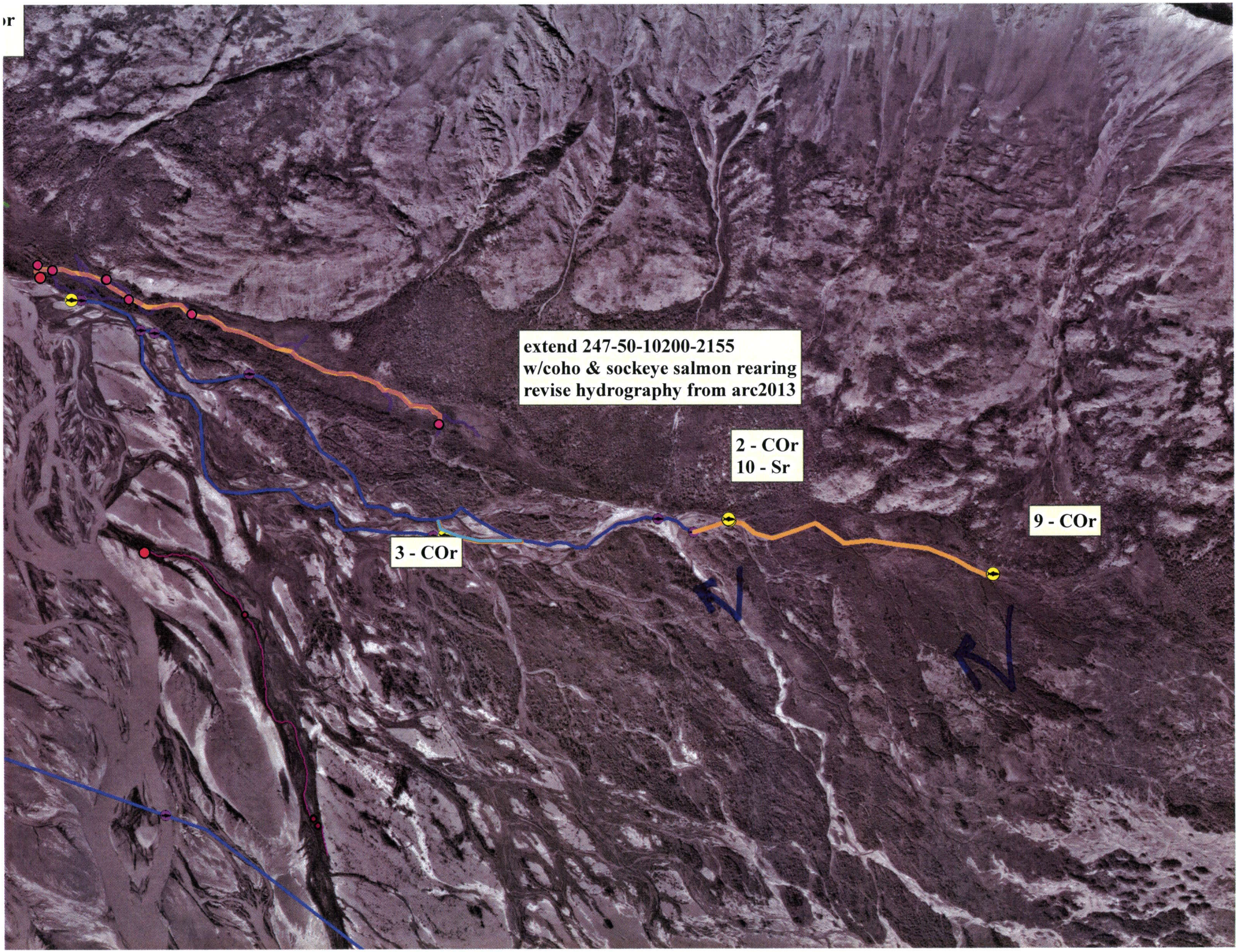
extend 247-50-10200-2155
w/coho & sockeye salmon rearing
revise hydrography from arc2013
2 - COr
10 - Sr
9 - COr
3 - COr
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